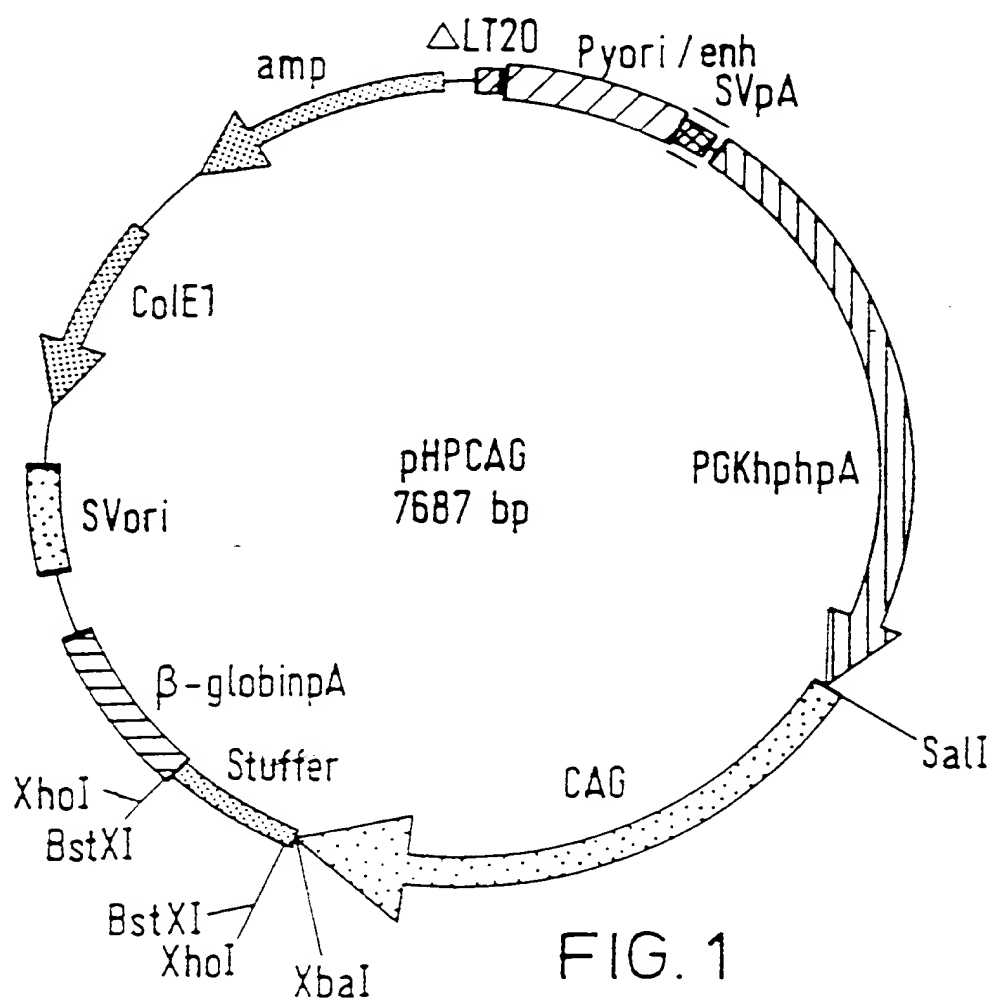


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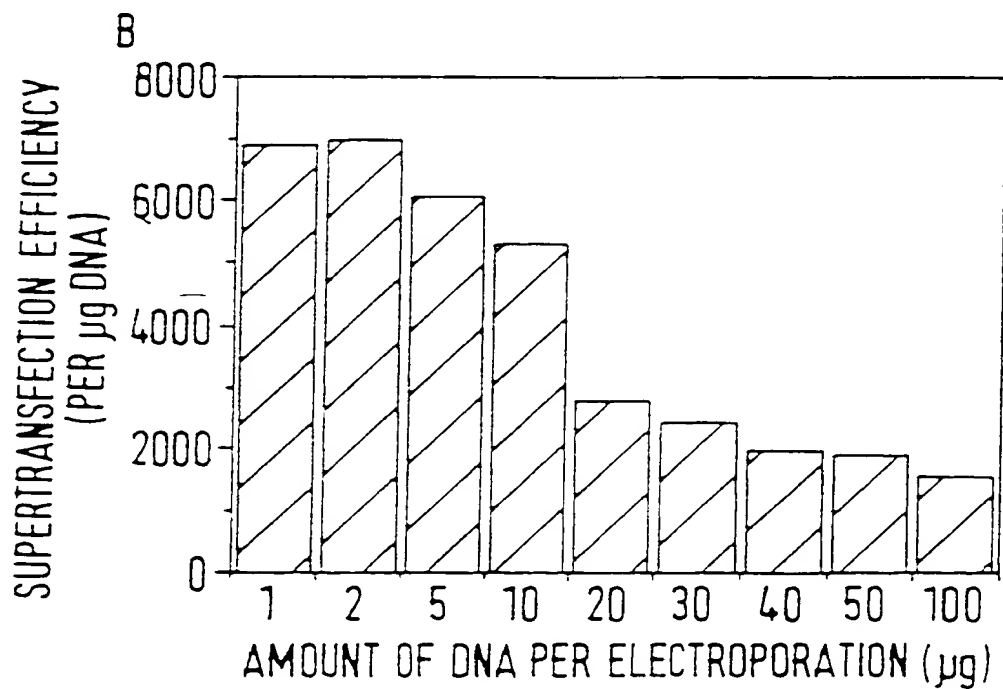
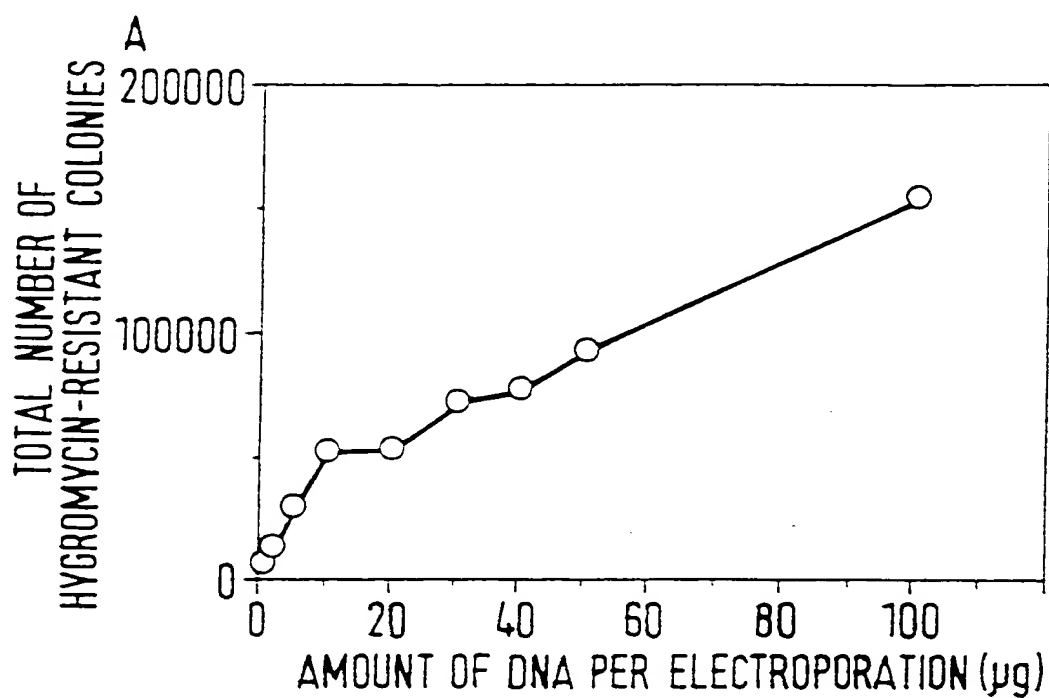


FIG. 2

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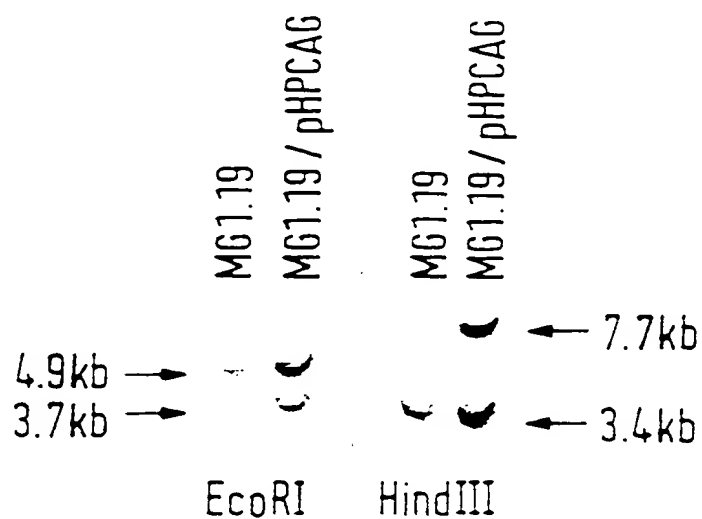


FIG. 3

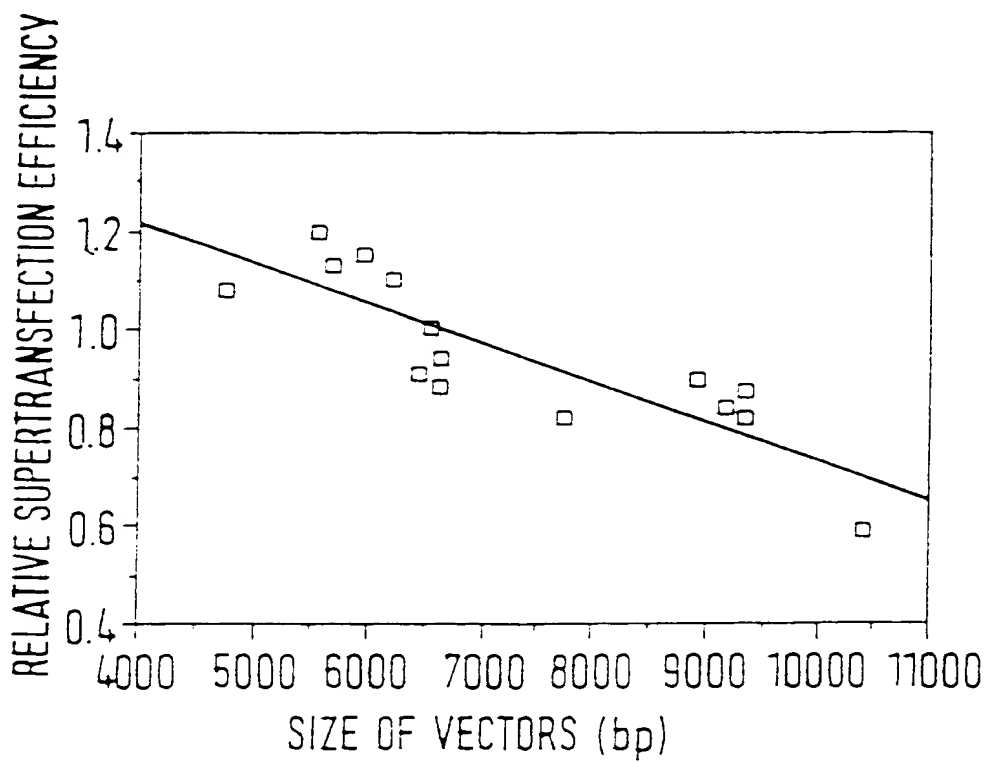


FIG. 4

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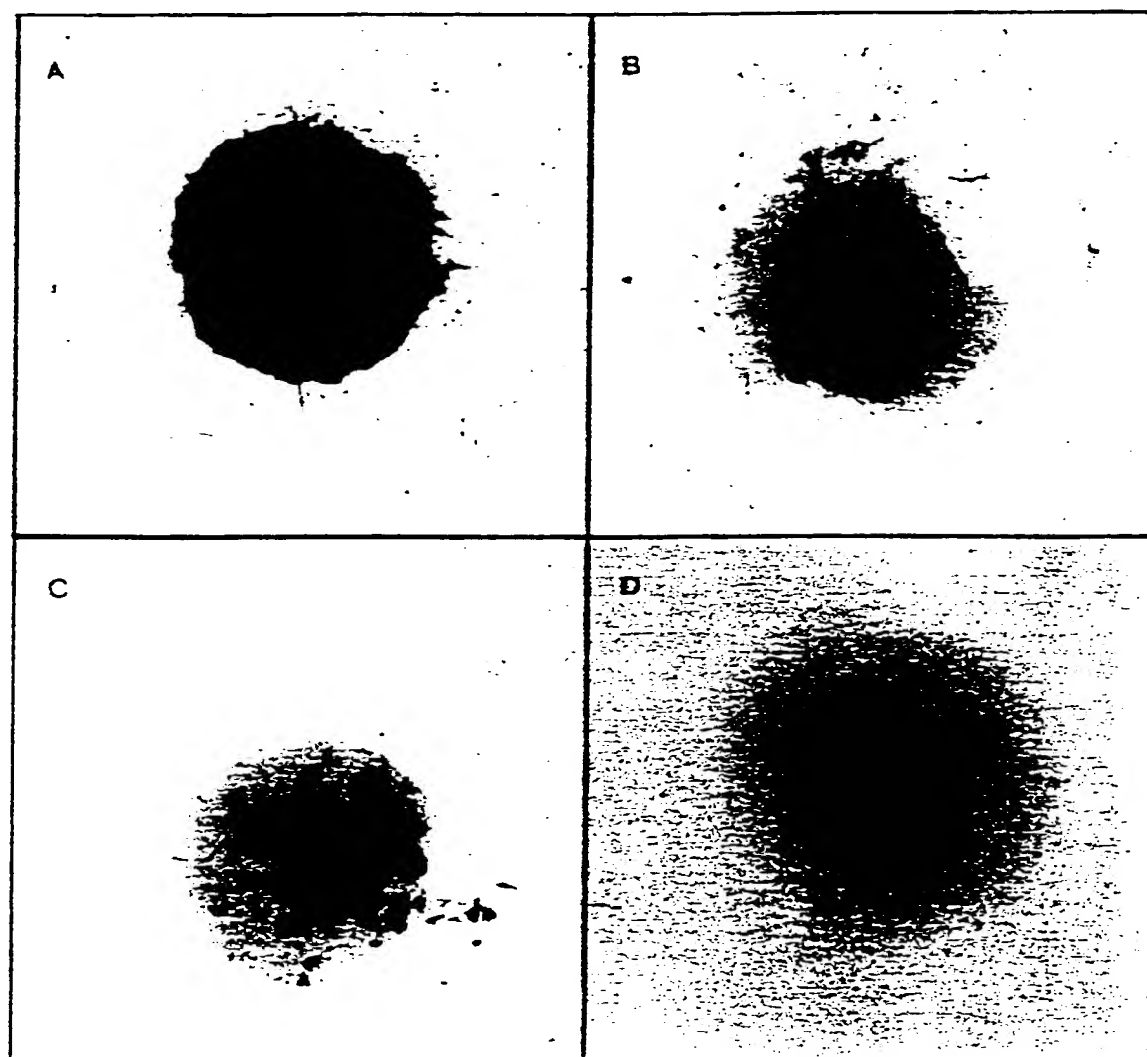


FIG. 5

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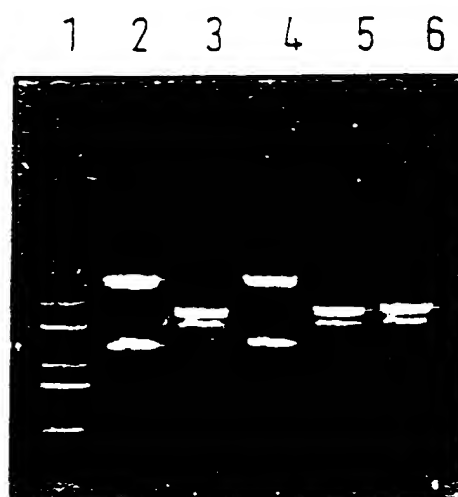


FIG. 6

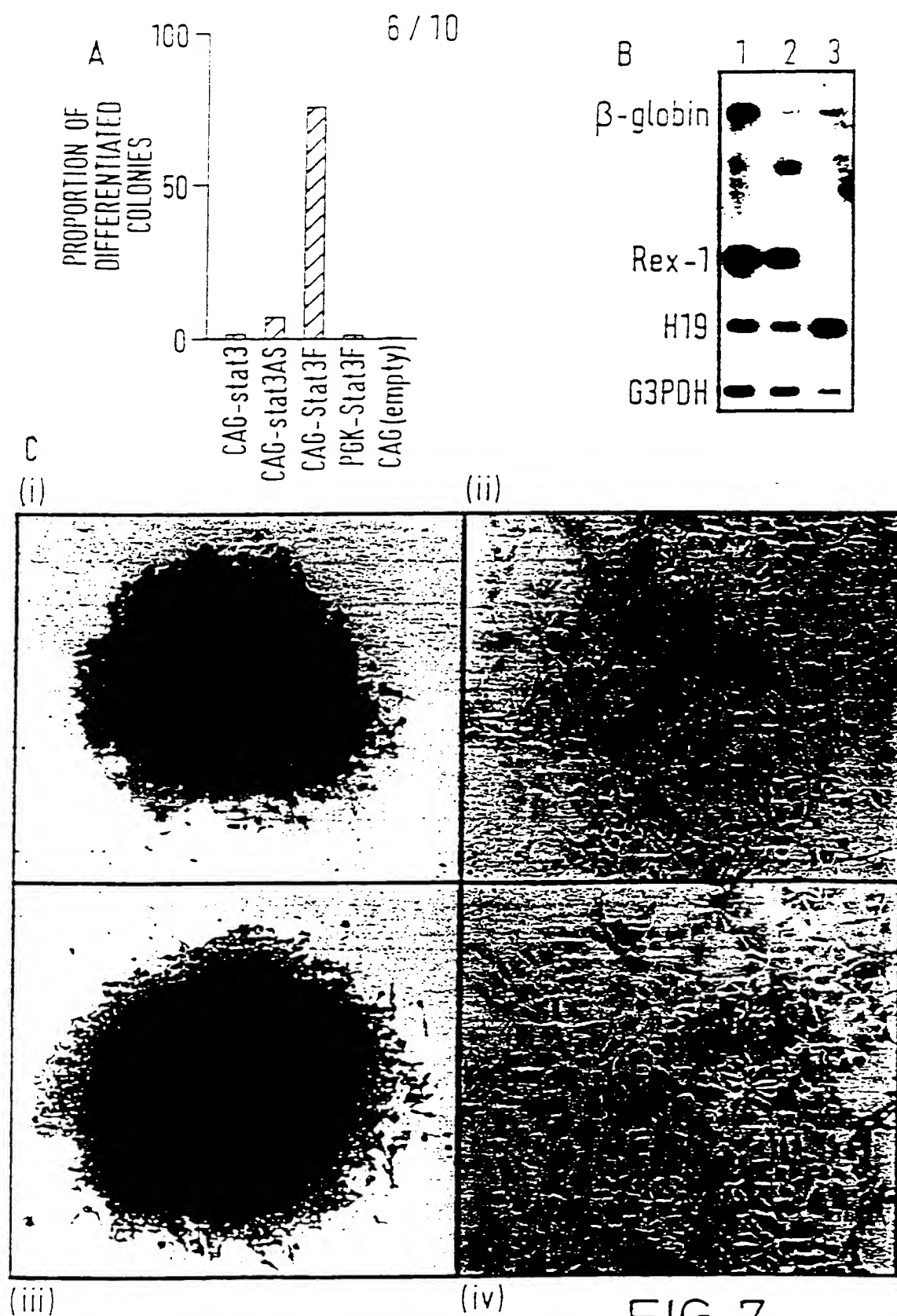


FIG. 7

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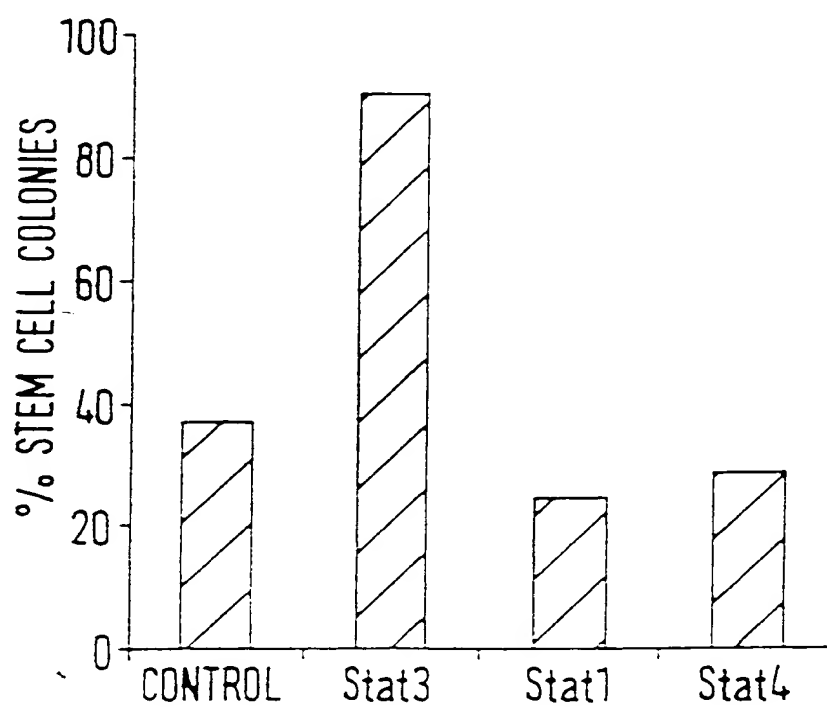


FIG. 8

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## FIG. 9

SEQUENCE OF LINKER OLIGONUCLEOTIDES.

## a) FLAG linker

FLAG epitope

XhoI                      NotI           Gly Ser ASP TYR LYS ASP ASP  
 ASP   CTA GAC TCG AGT AGC GGC CGC GGC AGC GAC TAC AAG GAC  
 GAC GAC

BssHII

ASP LYS Gly Ser Cys Arg Ala  
 GAC AAG GGG AGC TGC CGC GCG C

b) [gly, ser]<sub>2</sub> linker

XhoI                      NotI           Gly Gly Gly Gly Ser Gly Gly  
 Gly Gly Ser  
 CTA GAC TCG AGT AGC GGC CGC GGA GGC GGA TAC GGA AGC GGA  
 GGA GGC AGC

BssHII

Cys Arg Ala  
 TGC CGC GCG C



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FIG. 10

SEQUENCE OF TRUNCATED AND MODIFIED IL6R

a) FLAGdeltaIL6R

TCTAGACTCGAGTAGCGGCGCGGGCAGCGACTACAAGGACGACGACGACGACGAGGGGAGCTGCCGCGCGCTGGAGGT  
GGCAAATGGCACAGTGACAAGCCTGCCAGGGGCCACCGTTACCGTGATTTGCCCGGGGAAGGAAGCAGCAGGCAA  
TGTTACCAATTCAGTGGGTGTACTCTGGCTCACAAAACAGAGAATGGACTACACAGGAAAACACACTGGTTCTGAG  
GGACGTGCAGCTCAGCGACACTGGGGACTATTTATGCTCCCTGAATGATCACCTGGTGGGGACTGTGCCCTTGCT  
GGTGGATGTTCCCCCAGAGGAGCCCCAGCTCTCCTGCTTCCGGAAGAACCCCTTGTCAACGCCATCTGTGAGTG  
GCGTCCGAGCAGCACCCCTCTCCAACCAAGAGGCTGTGCTGTTTGCAGGAAAATCAACACCACCAACCGGGAA  
GAGTGACTTCCAGGTGCCCTGCCAGTATTCTCAGCAGCTGAAAAGCTTCTCCTGCCAGGTGGAGATCCTGGAGGG  
TGACAAAGTATACCAATAGTGTCACTGTGCGTTGCAAAACAGTGTGGGAAGCAAGTCCAGCCACAAACGAAGCGTT  
TCACAGCTTAAAAATGGTGCAGCCGGATCCACCTGCCAACCTTGTGGTATCAGCCATACCTGGGAAGGCCCGCGCTG  
GCTCAAAGTCAGCTGCCAGCACCTTGAGACCTGGGACCCGAGTTACTACTTGTGCACTTCCAGCTTCGATACCG  
ACCTGTATGGTCAAAGGAGTTCACGGTGTGCTGCTCCCGGTGGCCCAAGTACCAATGCGTCATCCATGATGCCCTT  
GCGAGGAGTGAAGCACTGGTCCAGGTCCGTGGGAAGGAGGAGCTTGACCTTGGCCAGTGGAGTGAATGGTCCCC  
AGAGGTCAACGGGCACTCCTTGGATAGCAGAGCCCAAGGACCAACCCCGGCAGGAATCCTCTGGAACCCCAACAGGT  
CTCTGTTGAAGACTCTGCCAACCCAGGAGTCAGTACGAAAGTTCTACAGAAGCAACGAGTGTCTCTGCCCCAGT  
GCAAGAACTCCTGCTCCATGTCCCTGCCCACTTCTGGTAGCTGGAGGAAGCTTGGCGTTTGGGTTGCTTCTCTG  
TGTCTTCATCATCTCTGAGACTCAAGCAGAAATGGAAGTCAGAGGCTGAGAAGGAAAGCAAGACGACCTCTCCTCC  
ACCCCCACCGTATTCTTTGGGCCCACTGAAGCCGACCTTCTTCTGTTTCTCTCTCCTCACCCCAACAGCTCTGG  
GTCTGACAAATACCTAAACCAAGCTGCTGGGTGTGAGGGACGCAAGAGCCCTTATGACAAACAGCAACAGAGA  
CTACTTATCCCCAGATAA

b) [gly,ser]<sub>2</sub>deltaIL6R

TCTAGACTCGAGTAGCGGCGCGGGCAGCGACTACAAGGACGACGACGACGAGGGGAGCTGCCGCGCGCTGGAGGTGGCAA  
TGCCACAGTGACAAAGCCTGCCAGGGGCCACCGTTACCGTGATTTGCCCGGGGAAGGAAGCAGCAGGCAAATGTTAC  
CAATTCAGTGGGTGTACTCTGGCTCACAAAACAGAGAATGGACTACACAGGAAAACACACTGGTTCTGAGGGACGT  
GCAGCTCAGCGACACTGGGGACTATTTATGCTCCCTGAATGATCACCTGGTGGGGACTGTGCCCTTGCTGGTGGGA  
TGTTCCCCCAGAGGAGCCCCAGCTCTCCTGCTTCCGGAAGAACCCCTTGTCAACGCCATCTGTGAGTGGCGTCC  
GAGCAGCACCCCTCTCTCCAACCAAGAGGCTGTGCTGTTTGCAGGAAAATCAACACCACCAACCGGGAAAGAGTGA  
CTTCCAGGTGCCCTGCCAGTATTCTCAGCAGCTGAAAAGCTTCTCCTGCCAGGTGGAGATCCTGGAGGGTGACAA  
AGTATACCAATAGTGTCACTGTGCGTTGCAAAACAGTGTGGGAAGCAAGTCCAGCCACAAACGAAGCGTTTACAG  
CTTAAAAATGGTGCAGCCGGATCCACCTGCCAACCTTGTGGTATCAGCCATACCTGGGAAGGCCCGCGCTGGCTCAA  
AGTCAGCTGCCAGCACCTTGAGACCTGGGACCCGAGTTACTACTTGTGCACTTCCAGCTTCGATACCGACCTGT  
ATGGTCAAAGGAGTTCACGGTGTGCTGCTCCCGGTGGCCCAAGTACCAATGCGTCATCCATGATGCCCTTGCAGG  
AGTGAAGCACTGGTCCAGGTCCGTGGGAAGGAGGAGCTTGACCTTGGCCAGTGGAGTGAATGGTCCCCAGAGGT  
CACGGGCACTCCTTGGATAGCAGAGCCCAAGGACCAACCCCGGCAGGAATCCTCTGGAACCCCAACAGGTCTCTGT  
TGAAGACTCTGCCAACCAAGAGGATCAGTACGAAAGTTCTACAGAAGCAACGAGTGTCTCTGCCCGCAGTGAAGA  
ATCCTGCTCCATGTCCCTGCCCACTTCTGGTAGCTGGAGGAAGCTTGGCGTTTGGGTTGCTTCTCTGTGTCTT  
CATCATCTCTGAGACTCAAGCAGAAATGGAAGTCAGAGGCTGAGAAGGAAAGCAAGACGACCTCTCTCTCACCCCC  
ACCGTATTCTTTGGGCCCACTGAAGCCGACCTTCTTCTGTTTCTCTCTCTCACCCCAACAGCTCTGGGTCTGA  
CAATACCTGTAACCAACAGCTGCTGGGTGTGAGGGACGCAAGAGCCCTTATGACAAACAGCAACAGAGACTACTT  
ATTCCCCAGATAA

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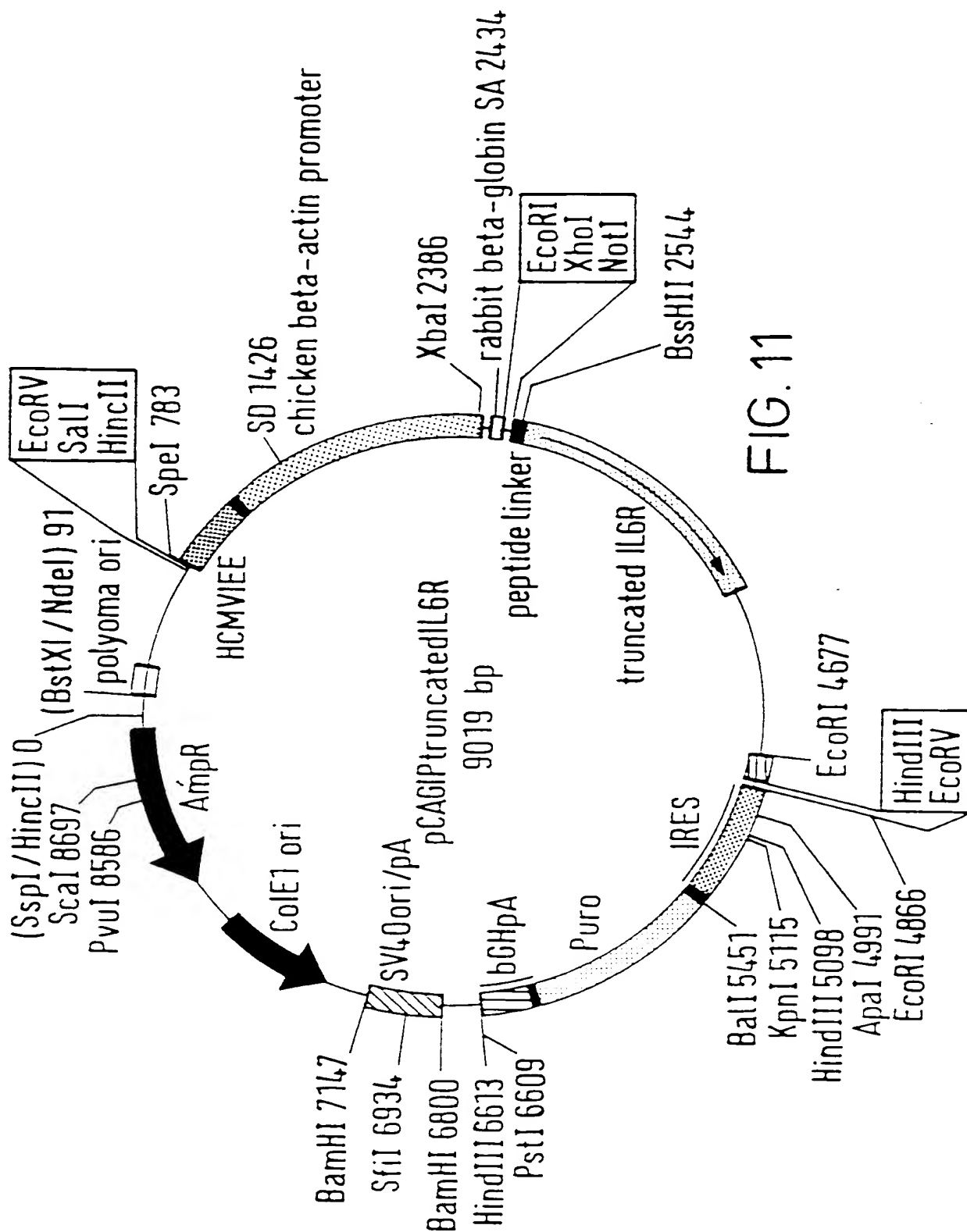


FIG. 11